

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037848.D
 Acq On : 6 Nov 2018 21:20
 Operator : JU/SJ
 Sample : J5771-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:21:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

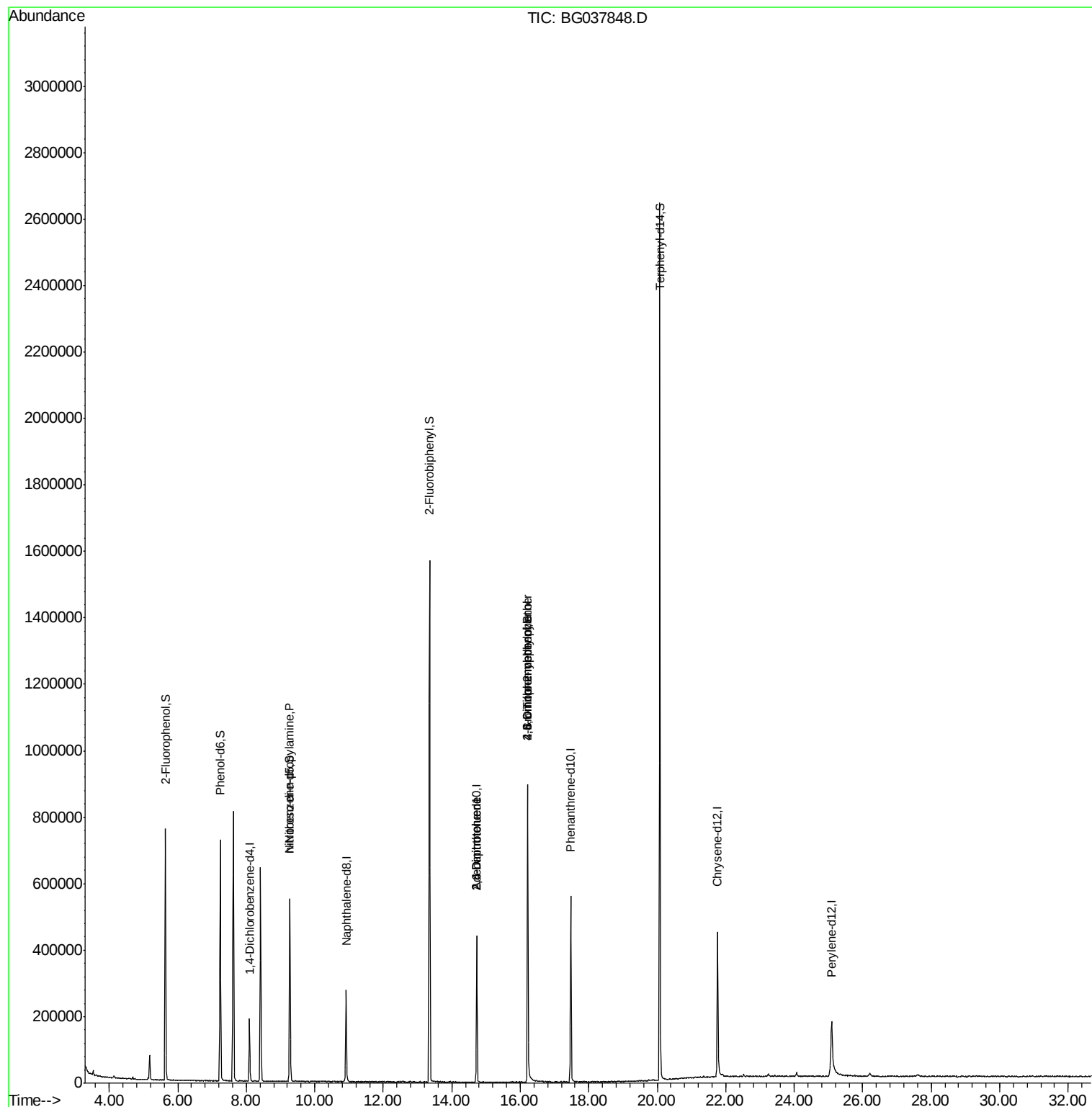
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55920	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	248536	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	164224	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	368316	20.00	ng	0.00
76) Chrysene-d12	21.76	240	322168	20.00	ng	-0.01
87) Perylene-d12	25.09	264	275520	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	358433	107.16	ng	0.00
7) Phenol-d6	7.24	99	470763	93.08	ng	0.00
23) Nitrobenzene-d5	9.27	82	357110	80.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	178218	99.50	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	885469	81.31	ng	-0.01
79) Terphenyl-d14	20.07	244	1281812	85.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	45505	13.07	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	20670	7.35	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20670	5.60	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	630	8.78	ng	76
67) 4-Bromophenyl-phenylether	16.21	248	13173	3.26	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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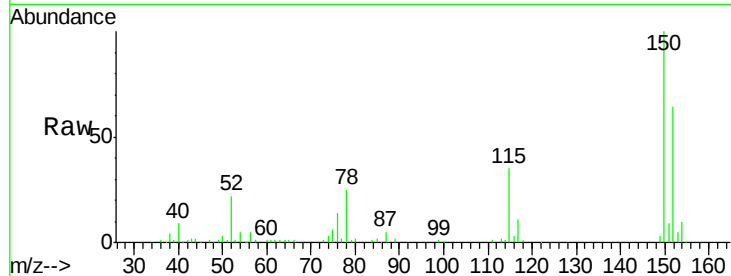


#1

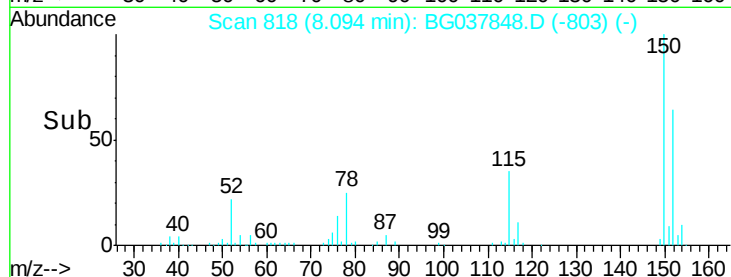
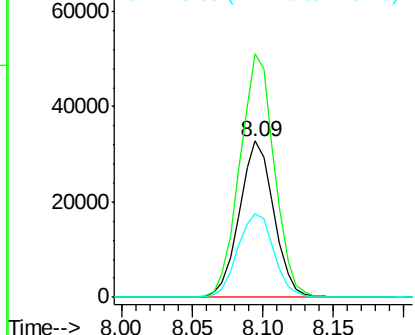
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55920
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 53.8 45.5 68.3



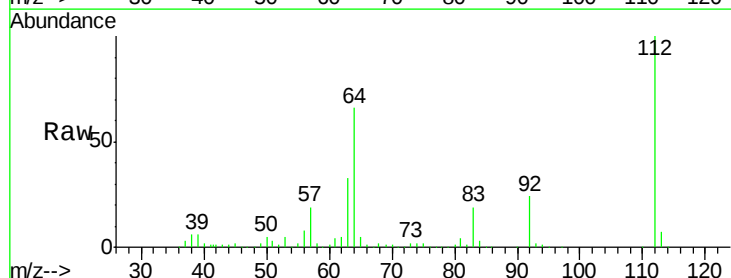
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



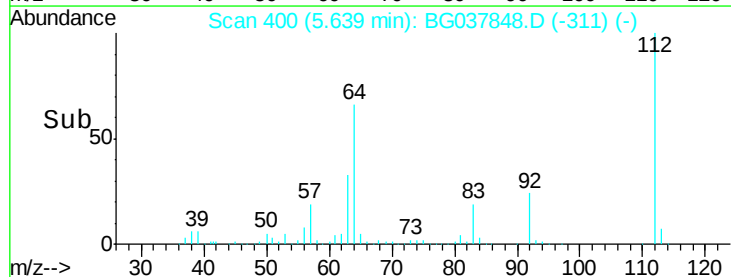
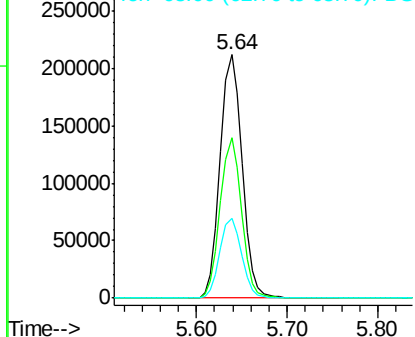
#5

2-Fluorophenol
Concen: 107.16 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Tgt Ion:112 Resp: 358433
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 32.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.08 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

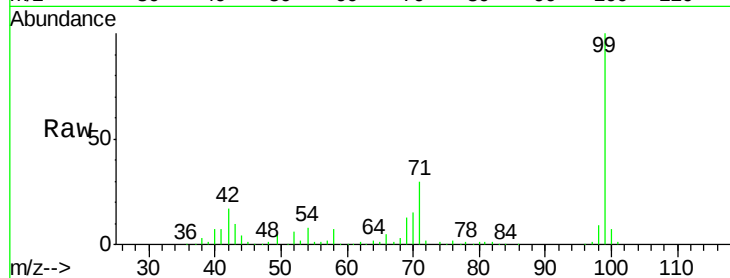
Tot Ion: 99 Resp: 470763

Ion Ratio Lower Upper

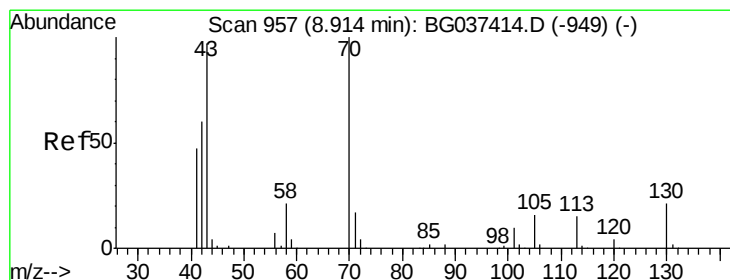
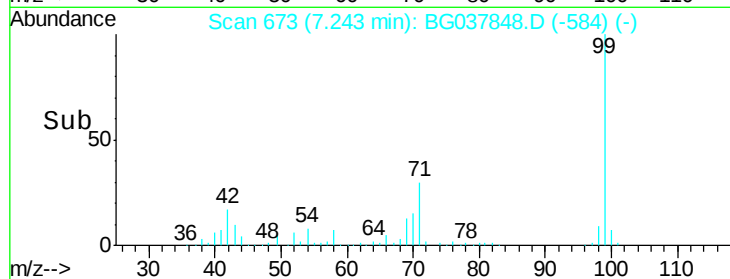
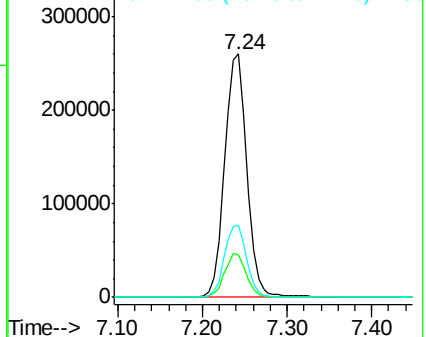
99 100

42 17.3 15.0 22.4

71 29.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.07 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Tgt Ion: 70 Resp: 45505

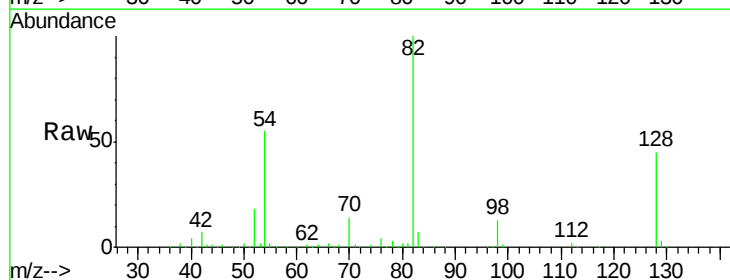
Ion Ratio Lower Upper

70 100

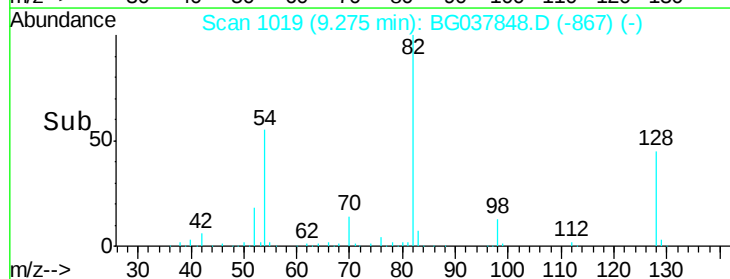
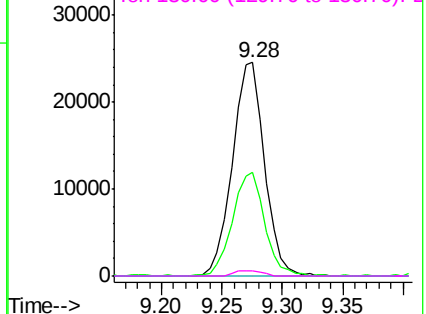
42 48.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

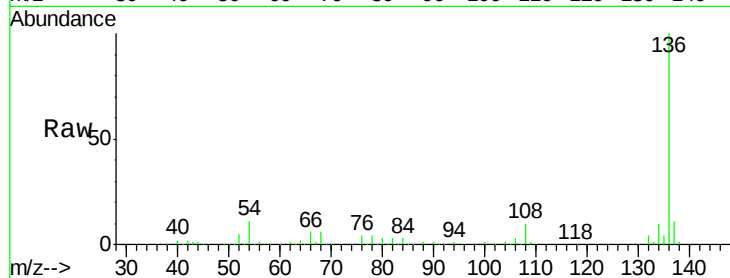




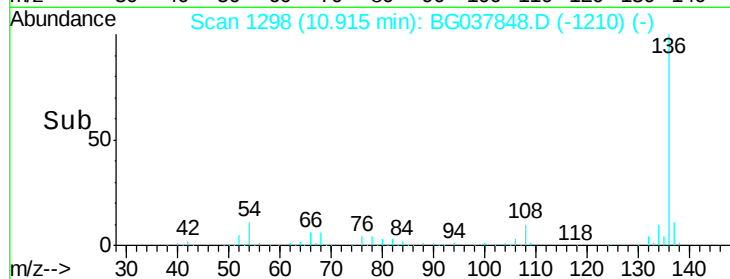
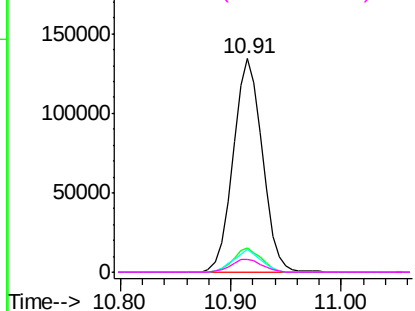
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	248536
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.7	7.9	11.9
68	5.8	4.8	7.2

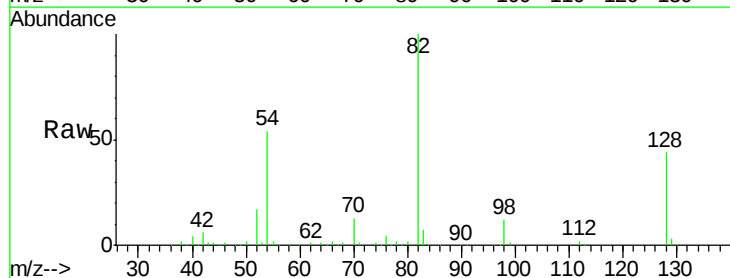


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

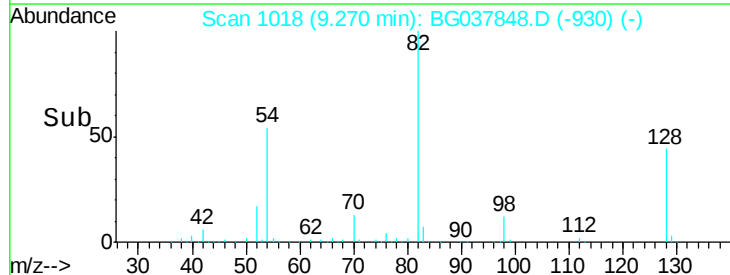
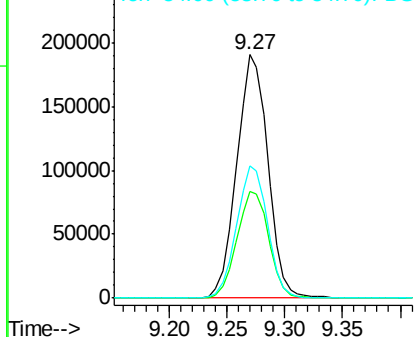


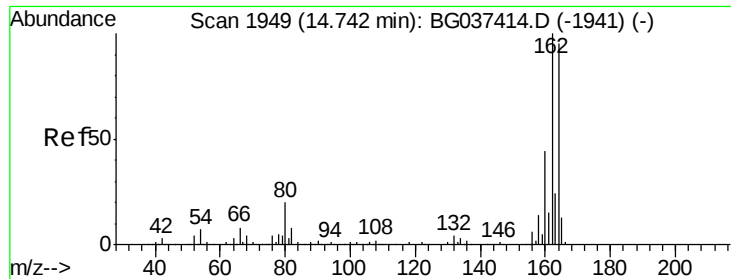
#23
Nitrobenzene-d5
Concen: 80.49 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Tgt Ion:	82	Resp:	357110
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	54.4	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

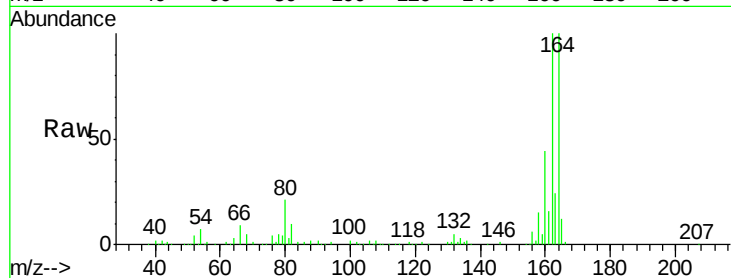
Tot Ion:164 Resp: 164224

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

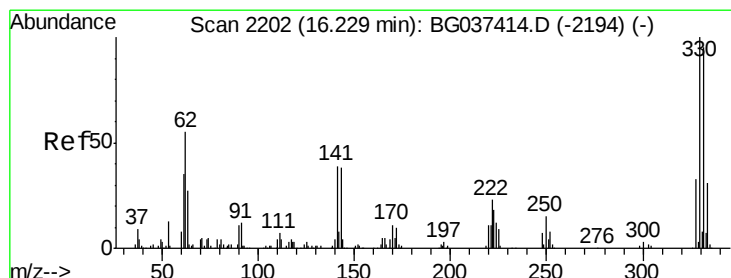
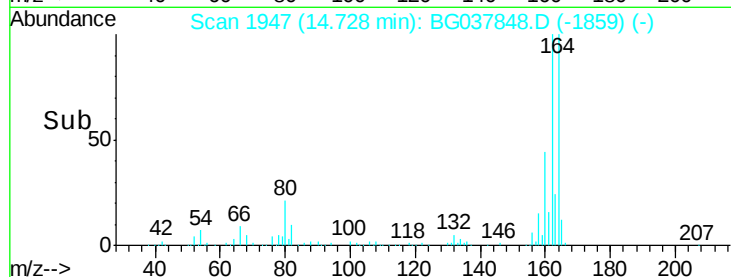
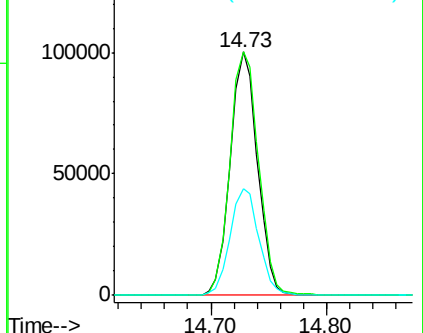
160 44.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 99.50 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

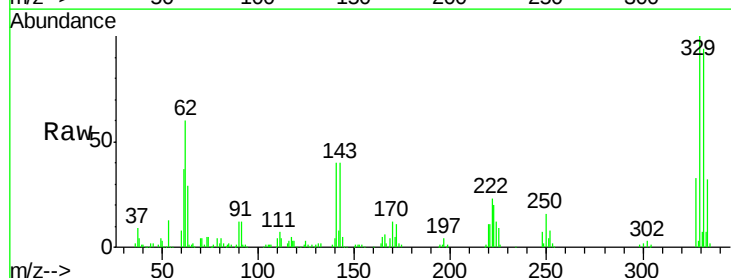
Tgt Ion:330 Resp: 178218

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

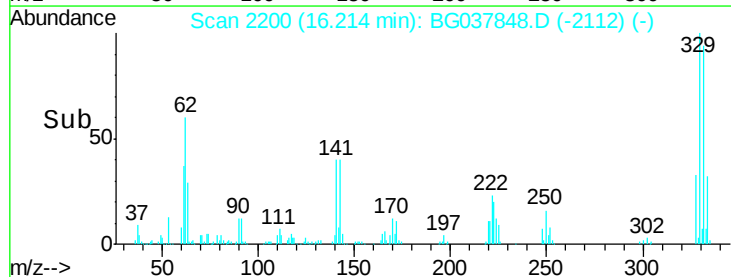
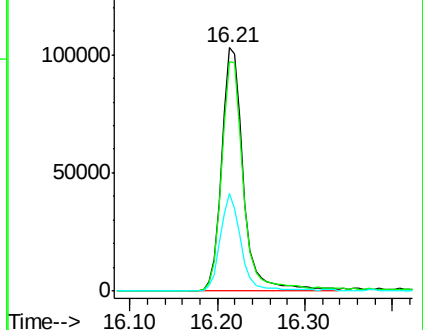
141 38.1 32.2 48.2

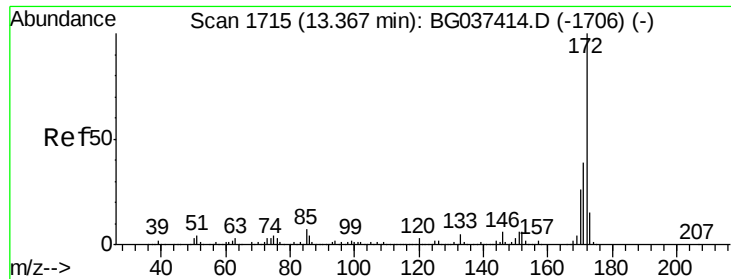


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

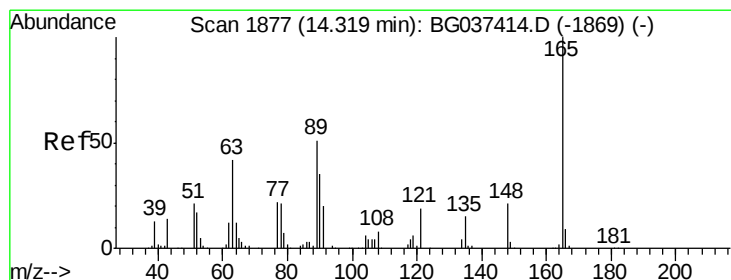
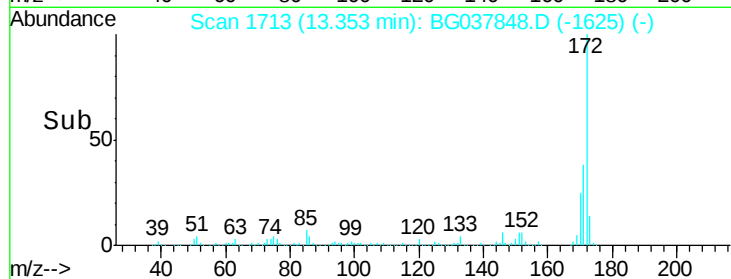
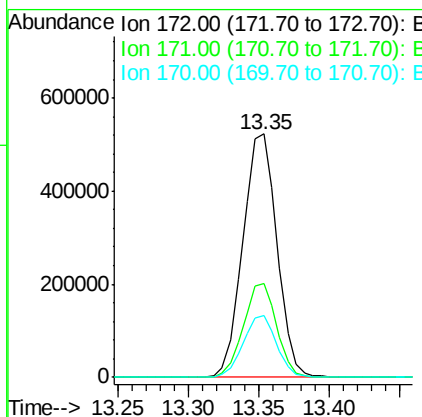
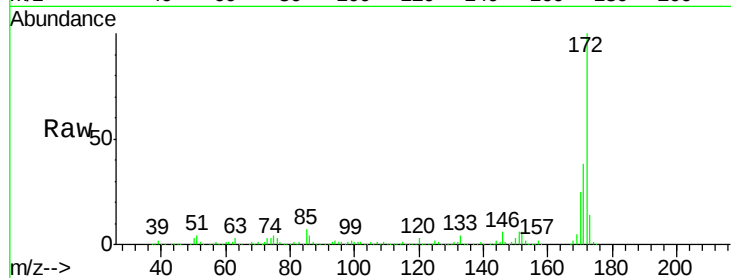




#45
2-Fluorobiphenyl
Concen: 81.31 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

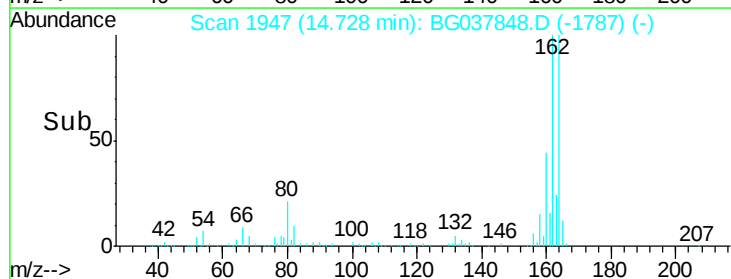
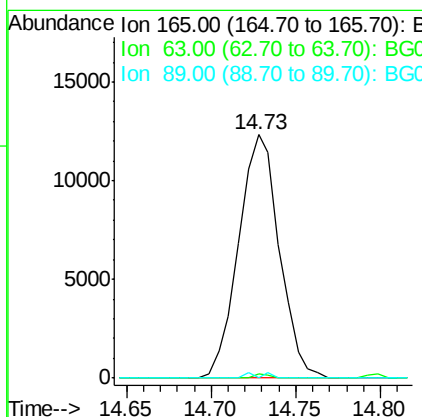
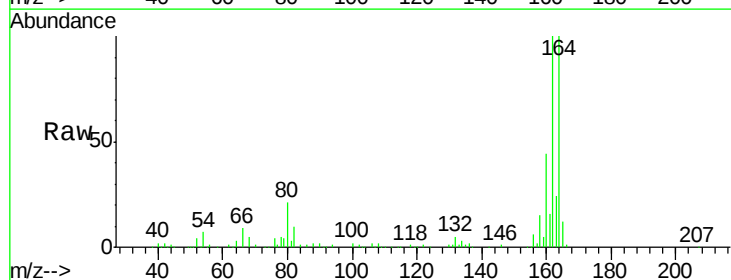
Instrument :
BNA_G
ClientSampleId :

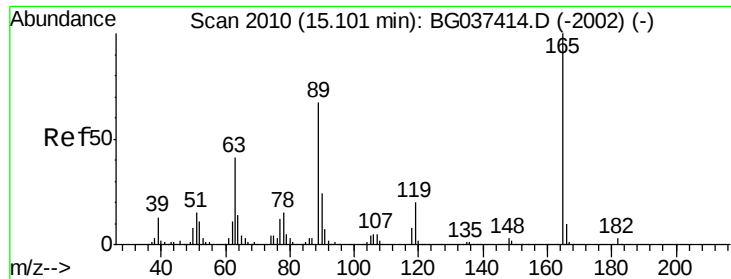
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.2	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.35 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	0.0	45.8	68.6#

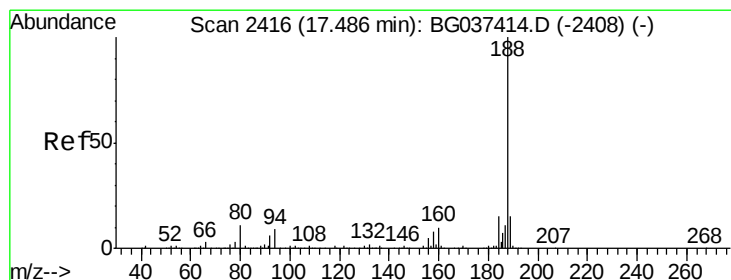
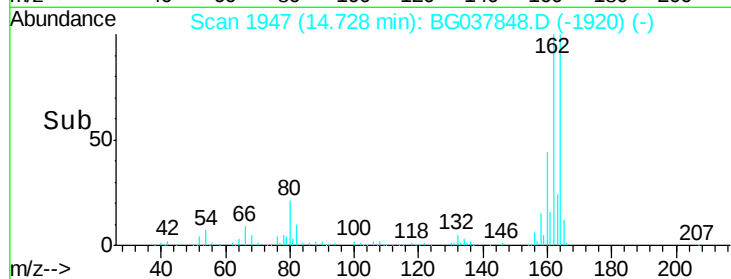
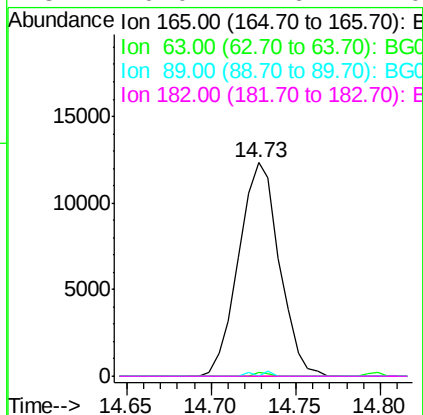
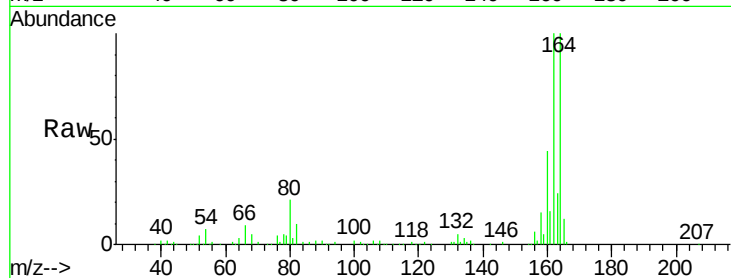




#57
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

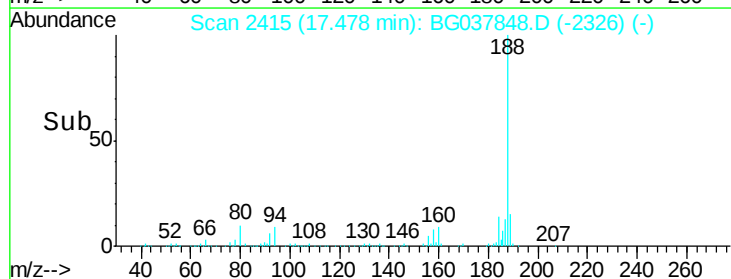
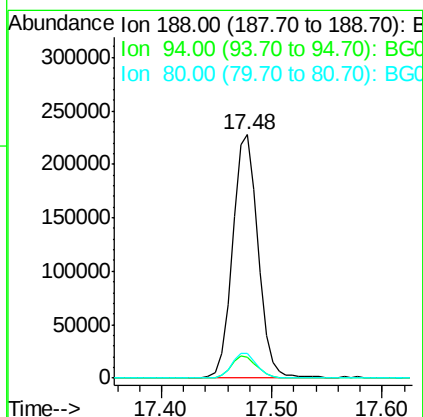
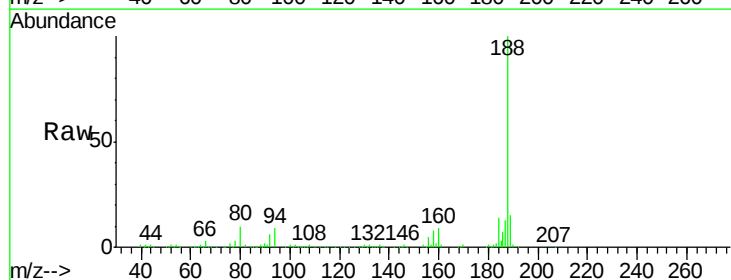
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp: 20670
Ion Ratio	Lower Upper
165 100	
63 1.7	33.4 50.0#
89 0.0	57.2 85.8#
182 0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

Tgt Ion	188	Resp: Lower	368316 Upper
	Ratio		
188	100		
94	8.6	7.2	10.8
80	10.1	7.7	11.5

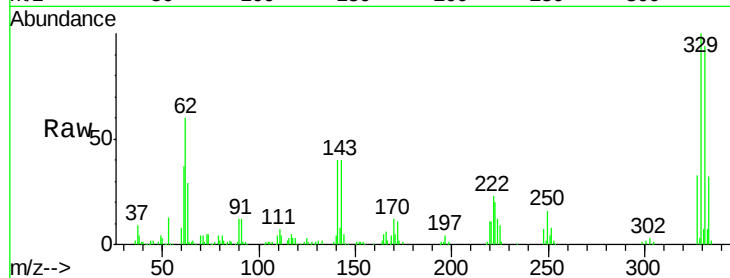




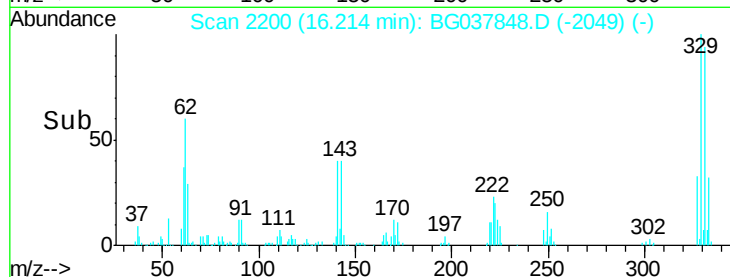
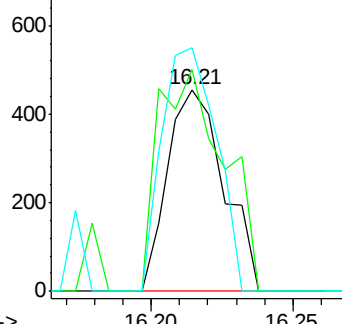
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.78 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 630
 Ion Ratio Lower Upper
 198 100
 51 25.2 22.7 62.7
 105 27.7 19.7 59.7

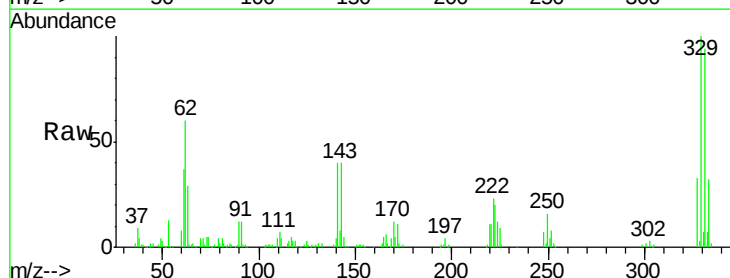


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

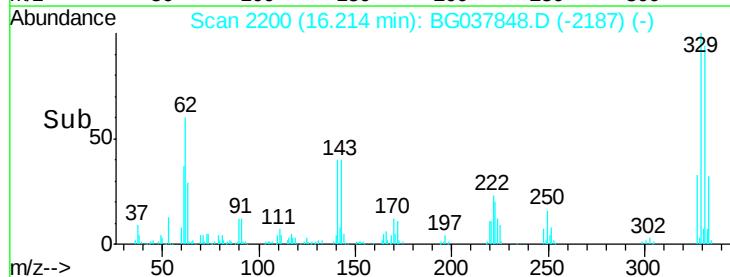
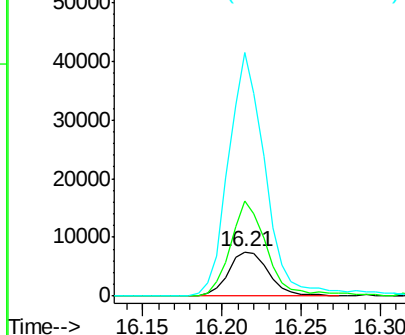


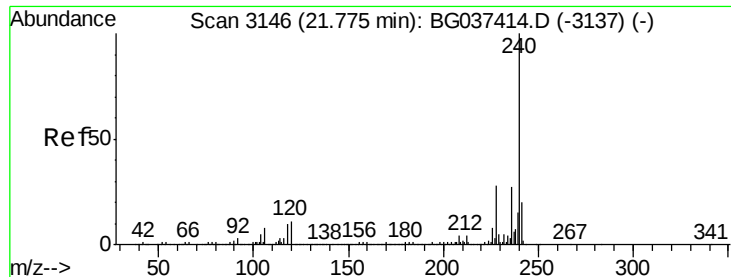
#67
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

Tgt Ion:248 Resp: 13173
 Ion Ratio Lower Upper
 248 100
 250 204.2 77.0 115.6#
 141 414.9 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

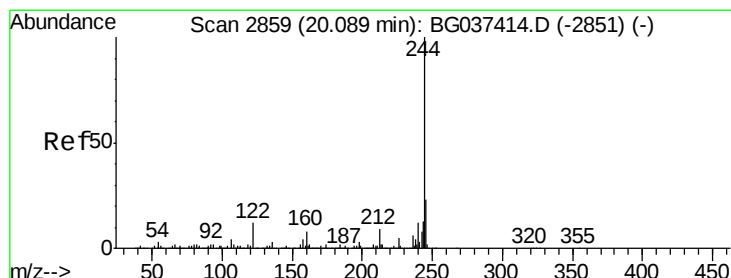
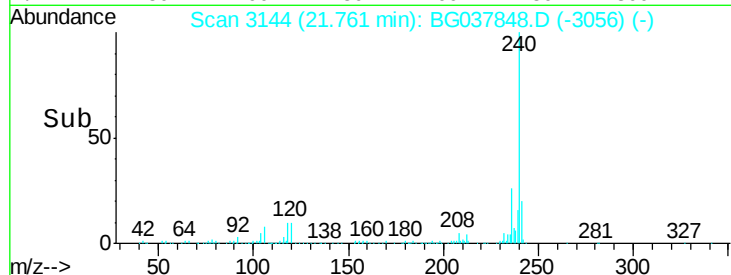
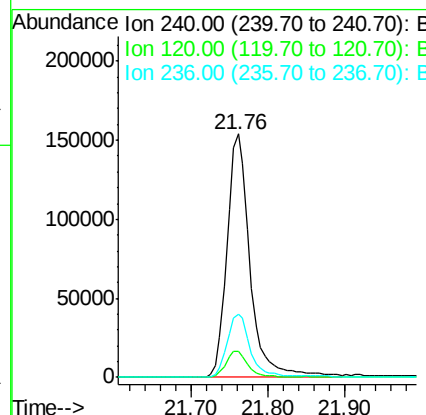
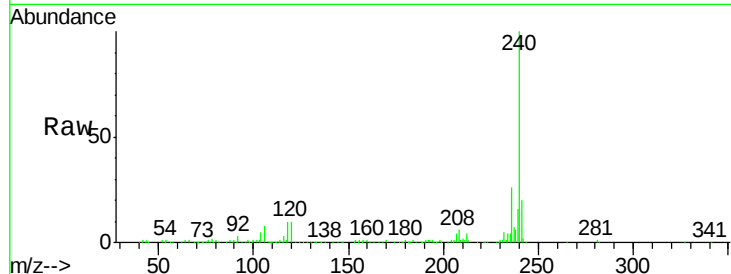




#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

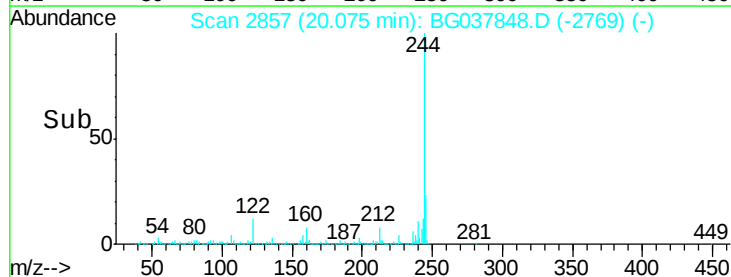
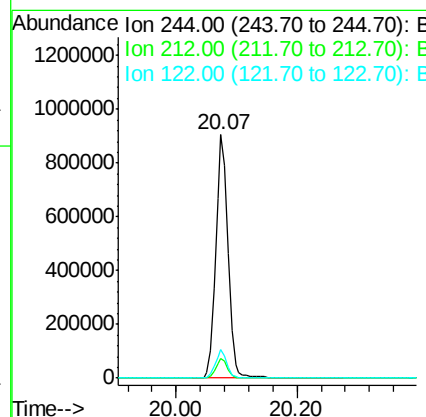
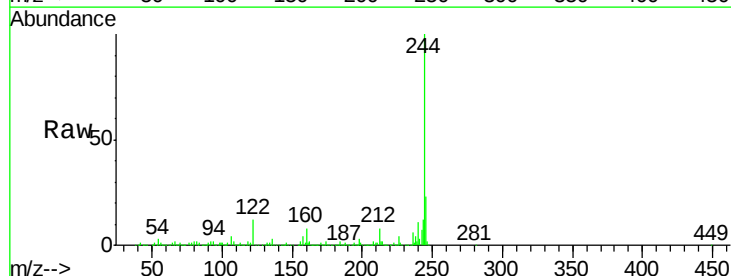
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 322168
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.1 12.1
 236 26.2 21.4 32.0



#79
 Terphenyl-d14
 Concen: 85.02 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

Tgt Ion:244 Resp: 1281812
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.6 9.0 13.4

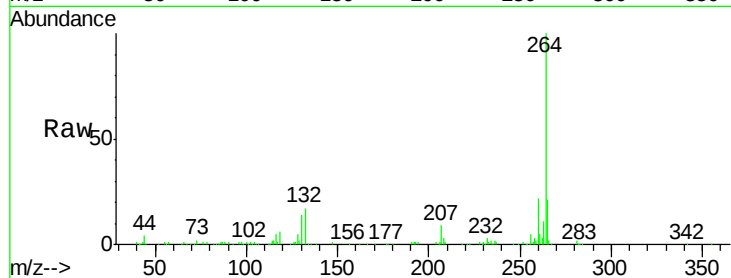




#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	20.7	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

